

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	((tempo\$5)same(mean or average)same(key\$stroke or password or inter\$keystroke or interval))(password)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:34
L2	196	((tempo\$5)same(mean or average)same(key\$stroke or between or inter\$keystroke or interval or elapsed or lapsed))(password)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:36
L3	157	L2 (relative)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:35
L4	6	L3(key\$stroke or inter\$keystroke)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:39
L5	136	L3(key\$stroke or inter\$keystroke or interval)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:37
L6	8	L3(key\$stroke or inter\$keystroke or tempo)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:39
L7	10	(key\$stroke or inter\$keystroke)same(tempo)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:40
L8	11	(password)same(tempo)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:40
L9	204	(password)(tempo)(mean or average)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:40
L10	15	(password)(tempo)same(mean or average)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:43
L11	35	(password or PIN or secret)(tempo)same(mean or average)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:43

EAST Search History

L12	5	(password or PIN or secret or authenticat\$5).clm. (tempo)same(mean or average)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:45
L13	43	(password or PIN or secret or authenticat\$5)(tempo)same(mean or average)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:45
L14	381	(tempo)same(mean or average)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:45
L15	2	L14(password or PIN or secret or authenticat\$5 or key\$stroke).ab.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:45
L16	45	L14(password or PIN or secret or authenticat\$5 or key\$stroke)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:56
L17	1	"20060280339"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:57
L18	1	"20050273624"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:56
L19	145	(keystroke)same(dynamics or tempo)(mean or average)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:57
L20	84	(keystroke)same(dynamics or tempo)(mean or average)(password or authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:57
L21	28	(keystroke)same(dynamics or tempo)(mean or average)(password or authenticat\$5).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:30
L22	4	(keystroke)same(dynamics or tempo).clm.(mean or average)(password or authenticat\$5).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 16:58
L23	7	"6720860"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:30

EAST Search History

L24	2	L23 (temp\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:31
L25	505	(temp\$5)same(mean)same(interval)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:31
L26	0	(temp\$5)same(mean)same(interval)same(keystroke)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:32
L27	0	(temp\$5)same(mean)same(interval or dynamics)same(keystroke or authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:32
L28	30	(temp\$5)same(mean)same(interval or dynamics)(keystroke or authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:40
L29	1369	(temp\$5)same(mean or interval)(keystroke or authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:40
L30	161	(temp\$5)same(mean or interval)(keystroke)(password or authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:41
L31	86	L30(temp\$5)same(mean or average or relative or first or initial)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:49
L32	8	L31(temp\$5)same(keystroke)(pass word or authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:45
L33	32	L31(temp\$5)same(keystroke or password or authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 17:45
L34	61	"4621334"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:04
L35	6	"6442692"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:04

EAST Search History

L36	35	"5557686"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:04
L37	47	"5056141"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:05
L38	131	L34 or L35 or L36 or L37	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:05
L39	4	L38 (tempo)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:05
L40	34	L38 (tempo\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:05
L41	11	L38 (tempo\$5)same(mean or average or divided)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:06
L42	27	L38 (tempo\$5)(mean or average or divided)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:07
L43	12	(tempo\$5)same(mean or average or divided or ratio)same(keystroke)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:09
L44	2512	(tempo\$5)(mean or average or divided or ratio)(keystroke)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:11
L45	193	L44(keystroke or authenticat\$5 or password).ab.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:11
L46	14	L45(tempo\$5)same(mean or average or divided or ratio)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:11
L47	4170	(tempo\$5 or dynamics)(mean or average or divided or ratio)(keystroke)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:11

EAST Search History

L48	313	L47(keystroke or authenticat\$5 or password).ab.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:11
L49	129	L48(tempo\$5 or dynamic or value)same(mean or average or divided or ratio)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:13
L50	79	L48(tempo\$5 or dynamic or value)same(mean or average or divided or ratio)same(interval or absolute or relative or between)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:13
L51	129	L48(tempo\$5 or dynamics or value)same(mean or average or divided or ratio)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:13
L52	79	L48(tempo\$5 or dynamics or value)same(mean or average or divided or ratio)same(interval or absolute or relative or between)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:13
L53	9	L52((tempo\$5 or dynamics)(keystroke or mean or interval)).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	AND	ON	2007/09/08 18:14


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Scholar [All articles](#) - [Recent articles](#) Results 1 - 10 of about 193 for **keystroke password hardening**

All Results

[F Monroe](#)
[M Reiter](#)
[S Wetzel](#)
[D Song](#)
[Q Li](#)

Password hardening based on keystroke dynamics - all 18 versions »

F Monroe, MK Reiter, S Wetzel - International Journal of Information Security, 2002 - Springer

... Page 2. 70 F. Monroe et al.: **Password hardening based on keystroke dynamics** ... Page

3. F. Monroe et al.: **Password hardening based on keystroke dynamics** 71 ...

[Cited by 78](#) - [Related Articles](#) - [Web Search](#)

Verifying identity via keystroke characteristics - all 2 versions »

J Leggett, G Williams - International Journal of Man-Machine Studies, 1988 - portal.acm.org

... 1990. Fabian Monroe, Michael K. Reiter, Susanne Wetzel, **Password hardening based on keystroke dynamics**, Proceedings of the 6th ACM conference on Computer and ...

[Cited by 30](#) - [Related Articles](#) - [Web Search](#)

[CITATION] Password hardening based on keystroke dynamics

MK Reiter, F Monroe, S Wetzel - Proceedings of the 6th ACM Conf. on Computer and ..., 1999

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[CITATION] Monroe, F. et al, 2001. Password Hardening based on Keystroke Dynamics

R Joyce, G Gupta - International Journal of Information Security

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

Typing patterns: a key to user identification - all 6 versions »

A Peacock, X Ke, M Wilkerson - IEEE Security & Privacy Magazine, 2004 - doi.ieeecomputersociety.org

... 4, 2000., pp. 351 359. 12. F. Monroe, MK Reiter, and S. Wetzel, "**Password Hardening Based on Keystroke Dynamics**," Proc. 6th ACM Conf. Computer and Comm. ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

User authentication through keystroke dynamics - all 4 versions »

F Bergadano, D Gunetti, C Picardi - ACM Transactions on Information and System Security (TISSEC), 2002 - portal.acm.org

... in the use of **keystroke** biometrics in conjunction with more classical access control techniques: **keystroke** analysis is used to **harden passwords** (such as in ...

[Cited by 37](#) - [Related Articles](#) - [Web Search](#)

Password authentication without using a password table - all 2 versions »

G Horng - Information Processing Letters, 1995 - portal.acm.org

... Fabian Monroe, Michael K. Reiter, Susanne Wetzel, **Password hardening based on keystroke dynamics**, Proceedings of the 6th ACM conference on Computer and ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

Password Secured Sites—Stepping Forward with Keystroke Dynamics - all 5 versions »

ST de Magalhaes, K Revett, HMD Santos - Proceedings of the International Conference on


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

tempo mean password

Search

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)
Scholar **All articles** - **Recent articles** Results 1 - 10 of about 2,180 for **tempo mean password**. (0.44
All Results[J Bongaarts](#)[G Feeney](#)[R Butler](#)[V Welch](#)[D Engert](#)On the Quantum and **Tempo** of Fertility - all 16 versions »

J Bongaarts, G Feeney - Population and Development Review, 1998 - questia.com
 ... effect defined in this way implies that the **mean** ages at ... Article Title: On the Quantum and **Tempo** of Fertility. ... Username **Password**. forgot your username/**password**? ...
 Cited by 232 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

Information, Truth, and Communication. For an Interpretation of Truth-telling Practices throughout ... - all 4 versions »

F **Password** - Annals of the New York Academy of Sciences - Blackwell Synergy
 ... Contextualism does not necessarily **mean** relativism, but it brings to the surface the reality of pluralism in our world: different ... Il **Tempo** e la Grazia. ...
 Cited by 7 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Tax incentives and fertility in Canada: quantum vs **tempo** effects

F **Password** - Canadian Journal of Economics/Revue canadienne d'économique, 2007 - Blackwell Synergy
 ... In the former case, it would then be straightforward to generate a **tempo** effect by ... ones reported in Tables 2 and 3, that does not necessarily **mean** that Quebec ...
[Web Search](#)

Method for improved **password** entry

GG Schreiber, AR Knox - 2004 - freepatentsonline.com
 ... as used herein, "**tempo**" is intended to **mean** relative measures of the time interval between the entry of each character or number of a **password**, code or ...
[Cached](#) - [Web Search](#)

Software method for improved **password** entry

GG Schreiber, AR Knox - 2004 - freepatentsonline.com
 ... as used herein, "**tempo**" is intended to **mean** relative measures of the time interval between the entry of each character or number of a **password**, code or ...
[Cached](#) - [Web Search](#)

Music and emotion: Electrophysiological correlates of the processing of pleasant and unpleasant ...

F **Password** - Blackwell Synergy
 ... 1 On average, stimuli had a duration of approximately 1 min (range: 44.87–67.99 s, M=58.15 s) and were presented with a **mean tempo** of 120 beats per minute ...
[Web Search](#)

A very large glitch in PSR J1806– 2125

F **Password**, ISI View - Monthly Notices of the Royal Astronomical Society, 2002 - Blackwell Synergy
 ... 1 All uncertainties are twice the standard **tempo** values ... small amounts of timing noise; the pre- and post-glitch residuals (Table 2) have root-mean-square values ...
[Web Search](#)

Transformation of barbituric acid into alloxan by hydroxyl radicals: interaction


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Scholar [All articles](#) - [Recent articles](#) Results 1 - 10 of about 75 for **keystroke tempo password**. (0.1

All Results

[B Mandel](#)
[R Van Dongen](#)
[J Muir](#)
[D Maltoni](#)
[S Harnad](#)

System and method for user authentication with enhanced passwords

K Code, R Image, ML Serpa, VP Images, P Class - freepatentsonline.com

... Failure by the user to engage each **keystroke** (or otherwise enter a portion of the **password**/PIN by mouse ... The pace, rhythm, or **tempo** of **keystrokes** becomes as ...

[Cached](#) - [Web Search](#)

Method for improved password entry

GG Schreiber, AR Knox - 2004 - freepatentsonline.com

... number according to a rhythm and **tempo** defined by ... unique identifier comprising both a sequence of **keystrokes** and the inter-**keystroke** intervals associated ...

[Cached](#) - [Web Search](#)

Software method for improved password entry

GG Schreiber, AR Knox - 2004 - freepatentsonline.com

... number according to a rhythm and **tempo** defined by ... unique identifier comprising both a sequence of **keystrokes** and the inter-**keystroke** intervals associated ...

[Cached](#) - [Web Search](#)

Artificial Rhythms and Cues for Keystroke Dynamics based Authentication - all 2 versions »

S Cho, S Hwang - To appear in IAPR International Conference on Biometrics, 2006 - dmlab.snu.ac.kr

... **keystroke** dynamics is to the current **keystroke** dynamics. ... was (a) slow **tempo** (b) slow

tempo with an ... to improve consistency and uniqueness in **key-stroke** dynamics ...

[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

System and method for user authentication with enhanced passwords - all 5 versions »

ML Serpa - US Patent 6,954,862, 2005 - Google Patents

... **password** and the pace, rhythm, or **tempo** of the ... this **password** is two distinct three-**keystroke** combinations with a ... The first three **keystrokes** are struck within ...

[Related Articles](#) - [Web Search](#)

System and method for performing user authentication based on keystroke dynamics

K Code, S Cho, VP Images, P Class, F References - freepatentsonline.com

... use in a user authentication system based on **keystroke** dynamics. ... vector is generated based on the **keystrokes** of the ... sound played in a certain fixed **tempo** and a ...

[Cached](#) - [Web Search](#)

Computer access control system and method - all 2 versions »

RJ Bosen, JR Muir... - US Patent 5,060,263, 1991 - Google Patents

... by the system when generating the dynamic **password**. ... logic without requiring additional **keystrokes** to mark ... sequence, thereby reducing the **keystroke** burden of ...

[Cited by 48](#) - [Related Articles](#) - [Web Search](#)